

Types of Molecules

Living things need organic compounds called carbohydrates, lipids, nucleic acids, and proteins.

Fill in the missing cells in the table. Identify the function of the molecule or the main components (types of atoms) that make up the molecule. The first row has been done for you.

Type of Molecule	Components of Molecule	Function of Molecule
carbohydrate	carbon, hydrogen, and oxygen	main source of energy; structural purposes
lipid	mostly carbon and hydrogen	
nucleic acid	hydrogen, oxygen, nitrogen, carbon, and phosphorus	
protein		controls rate of reactions; transports substances into or out of cell; fights disease

Use the table to answer the question.

1. Which of the types of molecules in the table contain carbon?
